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22923 (US). **CHAMBERS, Brian, D.** [US/US]; 12609
Wilde Lake Court, Richmond, VA 23233 (US). **TAYLOR,**
S., Ray [US/US]; 2710 Meriwether Drive, Charlottesville,
VA 22901 (US).

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(74) Agent: **DECKER, Robert, J.**; University of Virginia
Patent Foundation, 1224 West Main Street, Suite 1-110,
Charlottesville, VA 22903 (US).

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(71) Applicants (for all designated States except US): **UNI-**
VERSITY OF VIRGINIA PATENT FOUNDATION
[US/US]; Suite 1-110, 1224 West Main Street, Char-
lottesville, VA 22903 (US). **VIRGINIA TRANSPORTA-**
TION RESEARCH COUNCIL [US/US]; 530 Edgemont
Road, Charlottesville, VA 22903 (US).

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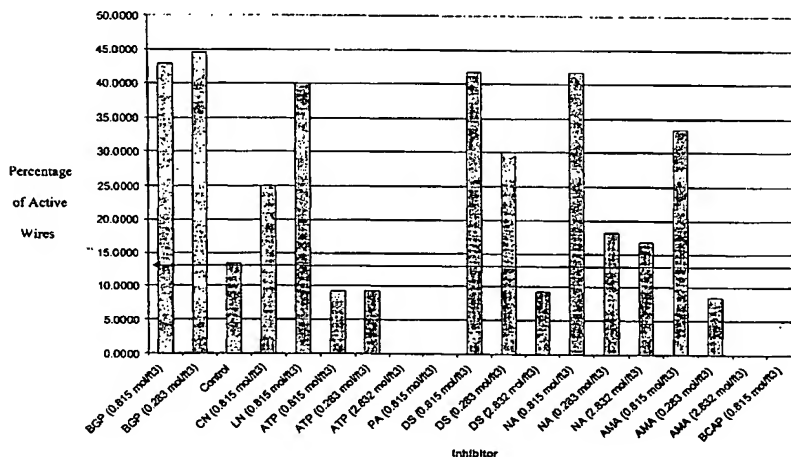
(72) Inventors; and

(75) Inventors/Applicants (for US only): **LANE, D., Stephen**
[US/US]; 4051 Burnley Station Road, Barboursville, VA

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[Continued on next page]

(54) Title: CORROSION PROTECTION FOR METALS IN CEMENTITIOUS MATERIAL AND METHOD OF APPLYING AND MAKING THE SAME



(57) Abstract: A method for preventing, inhibiting or reducing the corrosion of metals embedded in cementitious material. The method can comprise manufacturing lithium nitrate. The method can further comprise providing lithium nitrate for addition to a cementitious material at an effective dosage rate. The dosage rate can be between about 0.01 gram moles per cubic foot of cementitious material and about 100 gram moles per cubic foot of cementitious material, or greater if desired or required. The reduced corrosion rate therefore increases the life expectancy of the structures formable from cementitious material. Some exemplary structures formable from the cementitious material include the following, but not limited thereto, pillars, bridge decks, bridges, road decks, roads, houses, buildings, pilings, railroads, warehouses, piers, parking structures, wharves, and/or any other structures desired and/or required, etc.



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C. DOCUMENTS CONSIDERED TO BE RELEVANT <table border="1"> <thead> <tr> <th>Category *</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>X</td> <td>US 6,033,553 A (BENNETT) 07 March 2000 (07.03.2000), abstract, col. 3, lines 10-47, col. 9, lines 1-38, col. 9, lines 41-60, col. 10, lines 30-48.</td> <td>1-82</td> </tr> <tr> <td>X</td> <td>US 6,217,742 B1 (BENNETT) 17 April 2001 (17.04.2001), abstract, col. 3, lines 25-55, col. 7, lines 28-67, col. 8, lines 38-64.</td> <td>1-82</td> </tr> <tr> <td>X</td> <td>US 6,022,408 A (STOKES et al) 08 February 2000 (08.02.2000), abstract, col. 1, lines 20-59, col. 4, lines 50-67, col. 8, lines 27-57, col. 9, lines 35-45.</td> <td>1-82</td> </tr> <tr> <td>X</td> <td>US 5,985,011 A (FOLTZ et al) 16 November 1999 (16.11.1999), abstract, col. 5, lines 4-38, col. 8, lines 1-22, col. 9, line 50-col. 10, line 10, col. 11, lines 1-28.</td> <td>1-82</td> </tr> <tr> <td>X, P</td> <td>US 6,627,065 B1 (MACDOWELL et al) 30 September 2003 (30.09.2003), abstract, col. 6, lines 45-65, col. 7, lines 15-20, col. 9, lines 6-58.</td> <td>1-82</td> </tr> </tbody> </table>			Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X	US 6,033,553 A (BENNETT) 07 March 2000 (07.03.2000), abstract, col. 3, lines 10-47, col. 9, lines 1-38, col. 9, lines 41-60, col. 10, lines 30-48.	1-82	X	US 6,217,742 B1 (BENNETT) 17 April 2001 (17.04.2001), abstract, col. 3, lines 25-55, col. 7, lines 28-67, col. 8, lines 38-64.	1-82	X	US 6,022,408 A (STOKES et al) 08 February 2000 (08.02.2000), abstract, col. 1, lines 20-59, col. 4, lines 50-67, col. 8, lines 27-57, col. 9, lines 35-45.	1-82	X	US 5,985,011 A (FOLTZ et al) 16 November 1999 (16.11.1999), abstract, col. 5, lines 4-38, col. 8, lines 1-22, col. 9, line 50-col. 10, line 10, col. 11, lines 1-28.	1-82	X, P	US 6,627,065 B1 (MACDOWELL et al) 30 September 2003 (30.09.2003), abstract, col. 6, lines 45-65, col. 7, lines 15-20, col. 9, lines 6-58.	1-82						
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